HP Smart Tank 675 All-in-One (28C12A)

Specifications

Print quality black (best)	Up to 1200 x 1200 rendered dpi
Print quality color (best)	Up to 4800 x 1200 optimized dpi color when printing from a computer and 1200 input dpi
Print speed black (ISO, A4)	Up to 12 ppm
Print Speed Color (ISO)	Up to 7 ppm
Print speed	Print speed up to 12 ppm (black) and 7 ppm (color)
Functions	Print, Scan, Copy, Wireless
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 3,000 pages
Duty cycle (monthly, letter)	Up to 3,000 pages
Printer smart software features	Duplex printing
Replacement cartridges	HP GT53 90-ml Black bottle (~4000 pages); HP 53XL 135-ml Black bottle (~6000 pages); HP GT52 70-ml Cyan bottle (~8000 pages); HP GT52 70-ml Magenta bottle (~8000 pages); HP GT52 70-ml Yellow bottle (~8000 pages). For more information about fill and yield see www.hp.com/go/learnaboutsupplies[6]
Connectivity, standard	Hi-Speed USB 2.0; Wifi; Bluetooth LE
Network capabilities	Yes, via built-in Wi-Fi
Wireless capability	Yes, 2.4/5G dual band Wi-Fi, Wi-Fi Direct, BLE
Mobile printing capability	Apple AirPrint; Mopria certified; HP Print Service Plugin (Android printing); HP Smart app; Wi-Fi Direct Printing
Software included	HP Printer Software, available online
Compatible Operating Systems	Windows 10, 7; macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; *(Windows 10, 7: 32-bit or 64-bit; macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB available hard disk space; Internet connection; Internet Explorer)*
Sustainable impact specifications	25% post-consumer recycled plastic; Recyclable through HP Planet Partners
Energy star certified	No
Scan file format	BMP, JPEG, TIFF, PDF, PNG
Scan input modes	Front Panel Copy; HP Software
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed
Display	2-line LCD Smart guided buttons, 50.8 x 10.16 mm (2.0 x 0.4 in)
Minimum dimensions (W x D x H)	42.75 x 36.40 x 19.86 cm
Minimum dimensions (W x D x H)	16.83 x 14.33 x 7.82 in
Weight	6.38 kg

Weight	14.07 lb
Power consumption	0.10 Watts (Off Mode), 2.00 Watts (Sleep mode)[2]
Power supply type	Internal

Additional specifications

Accessories	None
Acoustic power emissions (active, printing)	6.5 B(A) (printing at 9ppm)
Acoustic pressure emissions	58.8 dB(A) (printing at 9ppm)
Automatic paper sensor	No
Bit depth	24-bit
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)
Bottom margin (A4)	3.3 mm
Color copy capability	Yes
Color scanning	Yes
Color(s) of printing supplies	Black; Cyan; Magenta; Yellow
Control panel	Smart guided buttons, Power On/Off, Color Copy, Black Copy, Wi-Fi, Info, Cancel and Resume buttons
Copier settings	Number of Copies, Access copier settings of Resize, Quality, Lighter/Darker, Papersize, Papertype settings via HP Smart
Copies, maximum	Up to 99 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black graphics)	Up to 600 dpi
Copy resolution (black text)	Up to 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi
Copy speed black (ISO)	Up to 11 cpm
Copy speed color (ISO)	Up to 5 cpm
Count of cartons per pallet layer	10
Count of layers in pallet	6
Country of origin	Made in China
Dimensions with trays up (W x D x H)	427.54 x 364.00 x 198.55 mm
Electromagnetic compatibility	CISPR 32:2015/EN 55032:2015+A11:2020 Class B; CISPR24:2010+A1:2015/EN 55024:2010+A1:2015; EN55035:2017+A11:2020/CISPR35:2016; EN 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; FCC CFR 47 Part 15 Subpart B; ICES-003 Issue 7:2020; EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.2
Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
Exifprint supported	No
File Format Supported	PDF; BMP; PNG; TIF; JPG

First page out black (A4, ready)	As fast as 15 sec
First page out color (A4, ready)	As fast as 18 sec
First page out footnote	For details see: http://www.hp.com/go/printerclaims
Ink types	Pigment-based (black); Dye-based (color)
Input capacity	Up to 150 sheets
Left margin (A4)	3.3 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	128 MB
Maximum dimensions (W x D x H)	16.83 x 17.35 x 7.82 in
Maximum dimensions (W x D x H)	427.54 x 440.73 x 198.55 mm
Maximum input capacity (10x15cm photos)	Up to 30 sheets
Maximum input capacity (4x6 photo)	Up to 30 sheets
Maximum input capacity (cards)	Up to 30 cards
Maximum input capacity (labels)	Up to 10 sheets
Maximum input capacity (photo paper)	Up to 30 sheets
Maximum input capacity (sheets)	Up to 150 sheets
Maximum output capacity (cards)	Up to 30 cards
Maximum output capacity (envelopes)	Up to 30 envelopes
Maximum output capacity (labels)	Up to 20 sheets
Maximum output capacity (photo paper)	Up to 30 sheets
Maximum output capacity (sheets)	Up to 100 sheets
Maximum print area	215.9 x 355.6 mm
Media sizes supported	Letter; Legal; Government Legal; Executive; Statement; 4 x 6 in; 5 x 7 in; 8 x 10 in; L; Photo 2L; Envelope(#10, Monarch, 5.5 bar); Card (4 x 6 in, 5 x 8 in)
Media sizes supported	A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6, Chou #3, Chou #4); Card (Hagaki, Ofuku Hagaki)
Media sizes supported, key	Envelopes; Legal; Letter; 4 x 6 in
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	88.9 x 127 mm to 215.9 x 355.6 mm
Media sizes, custom	3.5 x 5 in to 8.5 x 14 in

Media types	Plain Paper, HP Photo Papers, HP Matte Brochure or Professional Paper, HP Matte Presentation Paper, HP Glossy Brochure or Professional Paper, Other Photo Inkjet Papers, Other Matte Inkjet Papers, Other Glossy Inkjet Papers, Light/Recycled
Media weight, recommended	60 to 105 g/m²
Media weight, recommended	16 to 28 lb
Media weight, supported	Plain paper: 16 to 28 lb; Envelopes: 20 to 24 lb; Cards: up to 110 lb; Photo paper: up to 66 lb
Media weight, supported	Plain paper: 60 to 105 g/m²; Envelopes: 75 to 90 g/m²; Cards: up to 200 g/m²; Photo paper: up to 250 g/m²
Memory	128 MB
Memory Slots	No
Minimum System Requirements	Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
Minimum System Requirements for Macintosh	macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Multitasking supported	No
Non-Operating Humidity Range	5 to 90% RH (non-condensing)
Number of print cartridges	4 (1 each black bottle, set of 3 color bottles)
Number of users	1-3 Users
Operating altitude	Up to 10,000 ft
Operating humidity range	15 to 80% RH (non-condensing)
Operating temperature range	5 to 40°C
Operating temperature range	41 to 104°F
Orderable supplies	HP GT53 90-ml Black Original Ink Bottle 1VV22AE, HP GT53XL 135-ml Black Original Ink Bottle 1VV21AE, HP GT52 Cyan Original Ink Bottle M0H54AE, HP GT52 Magenta Original Ink Bottle M0H55AE, HP GT52 Yellow Original Ink Bottle M0H56AE, HP GT51XL 135-ml Black Original Ink Bottle X4E40AE, HP GT53 90-ml Black Original Ink Bottle 1VV22AL, HP GT52 Cyan Original Ink Bottle M0H54AL, HP GT52 Magenta Original Ink Bottle M0H55AL, HP GT52 Yellow Original Ink Bottle M0H56AL, HP GT52 3-pack Cyan/Magenta/Yellow Original Ink Bottles X4E44AL, HP GT53 90-ml Black Original Ink Bottle 1VV22AA, HP GT53XL 135-ml Black Original Ink Bottle 1VV21AA, HP GT52 Cyan Original Ink Bottle M0H54AA, HP GT52 Magenta Original Ink Bottle M0H55AA, HP GT52 Yellow Original Ink Bottle M0H56AA
Output capacity	Up to 100 sheets
Output file format	BMP; JPEG; PDF; TIF
Package dimensions (W x D x H)	19.06 x 9.41 x 16.14 in
Package dimensions (W x D x H)	484 x 239 x 410 mm
Package weight	9.20 kg
Package weight	484 x 239 x 410 mm
Pallet dimensions	48 x 40 x 102 in
Pallet dimensions (W x D x H)	1220 x 1015 x 2590 mm

Pallet weight	574 kg
Pallet weight	1264 lb
Paper handling input, standard	150-sheet input tray
Paper handling output, standard	100-sheet output tray
Paper trays, maximum	1
Paper trays, standard	1
PictBridge description	No
PictBridge supported	No
Power	Input voltage: 100 to 240 VAC (+/– 10%), 50/60 Hz (+/– 3 Hz)
Print Technology	Ink
Print colors	Yes
Print colors maximum	4
Print head nozzles	704 (Black), 588 (Tri-color)
Print heads	2 (1 each black, tri-color)
Print languages	HP PCL 3 GUI
Print speed black (ISO)	Up to 12 ppm
Print speed black (draft, A4)	Up to 22 ppm
Print speed color (ISO)	Up to 7 ppm
Print speed color (draft, A4)	Up to 21 ppm
Print technology	HP Thermal Inkjet
Printer Management	No
Printer drivers included	HP PCL 3 GUI
Processor speed	800 MHz
Product logos	USB High-Speed Certified Registered Trademark Logo; EnergyStar; PAP 20; SmartWay; EPEAT Silver
Product name (back)	HP Smart Tank 670 Series Printer
Product name (front)	HP Smart Tank 670 Series Printer
Product name (primary)	HP Smart Tank 670 Series Printer
Product name (secondary)	HP Smart Tank 670 Series Printer
Quantity per pallet	60
RMN number	SNPRC-2102-01
Recommended Macintosh system requirements	macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Recommended monthly page volume	400 to 800

Recommended monthly page volume note	HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
Recommended operating humidity range	20 to 80% RH
Recommended operating temperature range	59 to 86°F
Recommended operating temperature range	15 to 30°C
Right margin (A4)	3.3 mm
Safety	IEC 60950-1 & IEC 62368-1 Ed. 2 compliant; Safety CSA NRTL; EU RED and EN 62368-1 Ed. 2 compliant; NEMKO GS approved; Mexico NOM-1-NYCE, Singapore "Safety Mark"; Russia EAC; China CCC
Scan resolution, hardware	Up to 1200 x 1200 dpi
Scan resolution, optical	Up to 1200 dpi
Scan size, maximum	8.5 x 11.69 in
Scan size, maximum	216 x 297 mm
Send to email capability	No
Service & support features	With services, software, solutions and support from HP Total Care, you can use, protect and enjoy your HP technology; one-year technical support; one-year or 30,000 pages limited hardware warranty, whichever is earlier from the date of purchase; user replaceable parts have separate warranty periods; access to 24/7 world-class support services through http://www.hp.com/support ; to improve your product experience, please take the time to register at http://www.register.hp.com .
Service & support options	Protect your investment—HP Total Care offers a variety of extended warranties and services, go to http://www.hp.com/support
Standard input capacity (cards)	Up to 30 cards
Standard input capacity (legal)	Up to 150 sheets
Standard media sizes (duplex)	A4; B5; Not supported for borderless photo
Standard media sizes (duplex, imperial)	Letter; Executive; Not supported for borderless photo
Standard output capacity (cards)	Up to 30 cards
Standard output capacity (envelopes)	Up to 30 envelopes
Standard output capacity (labels)	Up to 20 sheets
Standard output capacity (legal)	Up to 50 sheets
Storage altitude	15,000 ft
Storage altitude	4572 m
Storage temperature range	-40 to 140°F
Storage temperature range	-40 to 60°C
Sub-brand name	Smart Tank

System requirements, recommended	Windows10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
Target user and print volume	For teams up to 3 users; Prints up to 800 pages/month
Tariff numbers	National HTS: 8443310000 EU/AM Base HTS:8443310000 AP Base HTS: 84433111
Telecom compliance (fax capability)	EN 300 328 V2.2.2; EN 301 893 V2.1.1; EN 300 440 V2.1.1
Top key features	Scan to PDF
Top margin (A4)	3.3 mm
Twain version	Version 2.1
Typical electricity consumption (TEC) number	0.30 kWh/Week
UNSPSC code	43212104
Vertical alignment accuracy	+/- 0.059 in
Wireless technologies	Bluetooth® 5.0; 802.11a/b/g/n/ac; Wi-Fi®

[2] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

[6] Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see http://hp.com/go/learnaboutsupplies

Ink Supplies

★ : Recommended

HP Ink Bottles

HP 31 70-ml Cyan Original Ink Bottle	1VU26AE
HP 31 70-ml Magenta Original Ink Bottle	1VU27AE
HP 31 70-ml Yellow Original Ink Bottle	1VU28AE
HP 32XL 135-ml Black Original Ink Bottle	1VV24AA
HP 32XL 135-ml Black Original Ink Bottle	1VV24AE
HP GT52 Cyan Original Ink Bottle	M0H54AE
HP GT52 Magenta Original Ink Bottle	M0H55AE
HP GT52 Yellow Original Ink Bottle	M0H56AE
HP GT53 90-ml Black Original Ink Bottle	1VV22AA
HP GT53 90-ml Black Original Ink Bottle	1VV22AL
HP GT53XL 135-ml Black Original Ink Bottle	1VV21AA
HP GT53XL 135-ml Black Original Ink Bottle	1VV21AE
HP GT53XL 135-ml Black Original Ink Bottle	1VV21AL

HP Inkjet Printer Cartridges and Ink Supplies

HP 6ZA17AE Black Printhead	6ZA17AE
HP 6ZA18AE Tri-color Printhead	6ZA18AE
HP M0H50A Tri-color Replacement GT Printhead	M0H50AA
HP M0H50A Tri-color Replacement GT Printhead	M0H50AL
HP M0H51A Black Replacement GT Printhead	M0H51AA
HP M0H51A Black Replacement GT Printhead	M0H51AL
HP X4E75A Black Inktank Printhead	X4E75AL

HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

HP Advanced Glossy Photo Paper-25 sht/4 x 6 in borderless	3AG54A
HP Advanced Glossy Photo Paper-25 sht/5 x 7 in	3AG55A
HP Matte Photo Paper-25 sht/10 x 15 cm	7HF70A
HP Matte Photo Paper-25 sht/4 x 6 in	6QH46A

HP Inkjet Brochure Paper

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